

# INDUSTRIAL STORMWATER MONTHLY INSPECTION REPORT

Inspections must be conducted by a person with the knowledge and skills to assess conditions and activities that could impact stormwater quality at the facility, and evaluate the effectiveness of best management practices required by this permit. Retain a copy of the completed and signed form in accordance with Permit Condition S9.C.

|   |  |                                 |    |  |   |
|---|--|---------------------------------|----|--|---|
| <b>FACILITY NAME:</b> Alaskan Copper Works  |  | <b>INSPECTION TIME:</b> 1:00 pm |    | <b>DATE:</b> 11/28/18  |   |
| <b>WEATHER INFORMATION:</b>   |  |                                 |    |  |   |
| <ul style="list-style-type: none"> <li>Description of Weather Conditions (e.g., sunny, cloudy, raining, snowing, etc.): <u>raining ~ 52 degrees</u></li> </ul>  |  |                                 |    |  |   |
| <ul style="list-style-type: none"> <li>Was stormwater (e.g., runoff from rain or snowmelt) flowing at outfalls and/or discharge areas shown on the Site Map during the inspection: <input checked="" type="checkbox"/> <b>Yes</b> <input type="checkbox"/> <b>No</b> <input type="checkbox"/> <b>Comments:</b><br/> <u>Outfall 3 was discharging treated water through the newly installed treatment system.</u></li> </ul>   |  |                                 |    |  |   |
| <b>I. POTENTIAL POLLUTANT SOURCE AREA INSPECTION AND BEST MANAGEMENT PRACTICES EVALUATION</b>   |  |                                 |    |  |   |
| <b>SWPPP and Site Map:</b> Have a copy of the SWPPP and site map with you during the inspection so that you can ensure they are current and accurate. Use it as an aide in recording the location of any issues you identify during the inspection.   |  | Yes                             | No | <b>Findings and Remedial Action Documentation:</b><br>Describe any findings below and the schedule for remedial action completion including the date initiated and date completed or expected to be completed. |   |
| <ul style="list-style-type: none"> <li>Is the Site Map current and accurate?</li> </ul>   |  | X                               |    |  |   |
| <ul style="list-style-type: none"> <li>Is the SWPPP inventory of activities, materials and products current?</li> </ul>   |  | X                               |    |  |   |
| Any new potential pollutant sources must be added to the map and reflected in the <i>SWPPP Facility Assessment &amp; Tables 2, 2A, 3 and 5.</i>   |  |                                 |    |  |   |
| <b>Vehicle/Equipment Areas:</b><br><br><i>Equipment cleaning: Check NA if not performed on-site. Skip section.</i><br><br>Is equipment washed and/or cleaned only in designated areas?  |  | Yes                             | No | NA   | <b>Findings and Remedial Action Documentation:</b>  |
| <ul style="list-style-type: none"> <li>Observe washing: Is all wash water captured and properly disposed of?</li> </ul>   |  |                                 |    | X  | - No washing observed at the facility.  |
| <i>Equipment fueling: Check NA if not performed on-site. Skip section.</i>  |  |                                 |    |  |   |
| <ul style="list-style-type: none"> <li>Are all fueling areas free of contaminant buildup and evidence of chronic leaks/spills?</li> </ul>   |  | X                               |    |  | -Fueling area in good condition   |
| <ul style="list-style-type: none"> <li>Are all chemical liquids, fluids, and petroleum products, on an impervious surface that is surrounded with a containment berm or dike that is capable of containing 10% of the total enclosed tank volume or 110% of the volume contained in the largest tank, whichever is greater?</li> </ul>  |  | X                               |    |  | - Drums stored in connex box with berm. Storage in good condition   |
| <ul style="list-style-type: none"> <li>Are structures in place to prevent precipitation from accumulating in containment areas?                         <ul style="list-style-type: none"> <li>If not, is there any water or other fluids accumulated within the containment area?</li> <li>Note: If containment areas are not covered to prevent water from accumulating, the SWPPP must include a plan describing how accumulated water will be managed and disposed of.</li> </ul> </li> </ul> |  | X                               |    |  | - Diesel tank not covered but has double wall and concrete containment has no water or evidence of leaks. |

| Equipment maintenance:  | Yes | No | NA | Findings and Remedial Action Documentation:  |
|---|-----|----|----|--|
| • Are maintenance tools, equipment and materials stored under shelter, elevated and covered?  | X   |    |    | <b>- Equipment stored West of 3405 was under cover in open sided connex boxes.</b><br><br><b>- The area under/around the trash compactor west of 3405 has accumulated debris. Clean area by 11/30/2018</b> |
| • Are all drums and containers of fluids stored with proper cover and containment?  | X   |    |    |  |
| • Are exteriors of containers kept outside free of deposits?  |     | X  |    |  |
| • Are any vehicles and/or equipment leaking fluids? Identify leaking equipment.   | X   |    |    |  |
| • Is there evidence of leaks or spills since last inspection? Identify and address.   | X   |    |    |  |
| • Are materials, equipment, and activities located so that leaks are contained in existing containment and diversion systems (confine the storage of leaky or leak-prone vehicles and equipment awaiting maintenance to protected areas)? | X   |    |    |  |
| Add any additional site-specific BMPs:  |     |    |    |  |
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| I. POTENTIAL POLLUTANT SOURCE AREA INSPECTION AND BEST MANAGEMENT PRACTICES EVALUATION   |     |    |    |   |
|--|-----|----|----|---|
| Good Housekeeping BMPs:  | Yes | No | NA | Findings and Remedial Action Documentation:   |
| 1. Are paved surfaces free of accumulated dust/sediment and debris?  | X   | X  |    | <b>- Clean accumulated solids under pipe rack just east of the black poly treatment tanks, south of 3405. Also, clean cigarette butts south of 3405 by 12/5/18.</b> |
| <ul style="list-style-type: none"> <li>• Date of last quarterly vacuum/sweep <u>11/17/18</u></li> <li>• Are there areas of erosion or sediment/dust sources that discharge to storm drains?</li> </ul> |     | X  |    |   |
| 2. Are all waste receptacles located outdoors:   |     |    |    | <b>- Multiple receptacles throughout facility. All closed (except wood bin). Open metal storage binds under awning in CSO basin.</b>                                |
| • In good condition?   | X   |    |    |   |
| • Not leaking contaminants?  | X   |    |    |   |
| • Closed when is not being accessed?   | X   |    |    |   |
| • External surfaces and area free of excessive contaminant buildup?  | X   |    |    |   |
| 3. Are the following areas free of accumulated dust/sediment, debris, contaminants, and/or spills/leaks of fluids?   |     |    |    | <b>-Most areas are in good condition and pavement is swept regularly.</b>   |
| • External dock areas  | X   |    |    |   |
| • Pallet, bin, and drum storage areas  | X   |    |    |   |
| • Maintenance shop(s)  | X   |    |    |   |
| • Equipment staging areas (loaders, tractors, trailers, forklifts, etc)  | X   |    |    |   |
| • Around bag-house(s)  |     |    | X  |   |
| • Around bone yards  | X   |    |    |   |
| • Other areas of industrial activity:  | X   |    |    |   |
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| <b>Spill Response and Equipment:</b><br>Are spill kits available, in the following locations? <ul style="list-style-type: none"> <li>Fueling stations</li> <li>Transfer and mobile fueling units</li> <li>Vehicle and equipment maintenance areas</li> </ul> Do the spill kits contain all the permit required items? <ul style="list-style-type: none"> <li>Oil absorbents capable of absorbing 15 gallons of fuel.</li> <li>A storm drain plug or cover kit.</li> <li>A non-water containment boom, a minimum of 10 feet in length with a 12 gallon absorbent capacity.</li> <li>A non-metallic shovel.</li> <li>Two five-gallon buckets with lids.</li> </ul> Are contaminated absorbent materials properly disposed of?  | Yes<br>X<br>X<br>X<br>X<br>X<br>X<br>X<br>X | No<br><br><br><br><br><br><br><br><br> | NA<br><br><br><br><br><br><br><br><br> | <b>Findings and Remedial Action Documentation:</b><br><br><br><br><br><br><br><br><br>  |
| <b>I. POTENTIAL POLLUTANT SOURCE AREA INSPECTION AND BEST MANAGEMENT PRACTICES EVALUATION</b>  |   |  |  |   |
| <b>General Material Storage Areas:</b> <ul style="list-style-type: none"> <li>Are damaged materials stored inside a building or another type of storm resistance shelter?</li> <li>Are all uncontained material piles stored in a manner that does not allow discharge of impacted stormwater?</li> <li>Are scrap metal bins covered?</li> <li>Are outdoor containers covered?</li> </ul>  | Yes<br>X<br><br>X<br>X                      | No<br><br><br><br>                     | NA<br><br>X<br><br>                    | <b>Findings and Remedial Action Documentation:</b><br><br><br>-Scrap metal bins are stored in CSO or Discharge to ground basins   |
| <b>Stormwater BMPs and Treatment Structures:</b> Visually inspect all stormwater BMPs and treatment structures devices, discharge areas infiltration and outfalls shown on the Site Map. <ul style="list-style-type: none"> <li>Are BMPs and treatment structures in good repair and operational?</li> <li>Are BMPs and treatment structures free from debris buildup that may impair function?</li> <li>The permit requires Permittees to clean catch basins when the depth of debris reaches 60% of the sump depth. In addition, the Permittee must keep the debris surface at least 6 inches below the outlet pipe. Based on this, do catch basins need to be cleaned?</li> <li>Are berms, curbing or other methods used to divert and direct discharges adequate and in good condition?</li> </ul> | Yes<br>X<br>X<br><br>X                      | No<br><br><br>X<br><br>                | NA<br><br><br><br>                     | <b>Findings and Remedial Action Documentation:</b><br><br>-Remove/replace catch basin inserts from two catch basins at Hanford intersection (DP-1 and DP-2) and (DP-4) by 11/30/18. |
| <b>Observation of Stormwater Discharges:</b> <ul style="list-style-type: none"> <li>Is the discharge free of floating materials, visible oil sheen, discoloration, turbidity, odor, foam or any other signs of contamination?</li> <li>Water from washing vehicles or equipment, steam cleaning and/or pressure washing is considered process wastewater and is not allowed to comeingle with stormwater or enter storm drains. Is process water comingling with stormwater or entering storm drains?</li> <li>Illicit discharges include domestic wastewater, noncontact cooling water, or process wastewater (including leachate). Were any illicit discharges observed during the inspection?</li> </ul>  | Yes<br>X<br><br><br>                        | No<br><br>X<br><br>                    | NA<br><br><br>X<br>                    | <b>Findings and Remedial Action Documentation:</b><br><br>All discharge was free of floating materials, visible sheen or odor.  |

**II. CORRECTIVE ACTION AND SWPPP MODIFICATIONS DESCRIPTIONS:** Additional space to describe inspection findings and corrective actions if needed. Provide brief explanation of the general location and the rationale for the additional or different BMPs.

Clean accumulated debris under/around trash compactor west of 3405 by 11/30/18.

Clean accumulated debris under pipe rack just east of black poly treatment tanks, south of 3200 by 12/5/18.

Remove/replace catch basin inserts from CBs at S Hanford St. intersection (DP-1 and DP-2) and S Horton St intersection (DP-4) by 11/30/18.

**III. CERTIFICATION STATEMENTS AND SIGNATURES:**

**Inspector - Certification:** This section must be completed by the person who conducted the site inspection prior to submitting this form to the person with signature authority (see Permit Condition G2) or a duly authorized representative of that person.

☒ The facility is in compliance with the terms and conditions of the SWPPP and the Industrial Stormwater General Permit.

☐ The facility is out of compliance with the terms and conditions of the SWPPP and the Industrial Stormwater General Permit. This report includes the remedial actions that must be taken to meet the requirements of the SWPPP and permit, including a schedule of implementation of the remedial actions.

*"I certify that this report is true, accurate, and complete, to the best of my knowledge and belief."*

Chad Wiggins, PE



Water Resources Engineer

11/29/18

**Inspector's Name – Printed**

**Inspector's Signature**

**Inspector's Title**

**Date**

**Permittee – Certification:**

☒ The facility is in compliance with the terms and conditions of the SWPPP and the Industrial Stormwater General Permit.

☐ The facility is out of compliance with the terms and conditions of the SWPPP and the Industrial Stormwater General Permit. This report includes the remedial actions that must be taken to meet the requirements of the SWPPP and permit, including a schedule of implementation of the remedial actions.

*"I certify under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."*



11-29-18

PRINTED NAME of person with **Signature Authority** (permit condition G2.A) or a **Duly Authorized Representative**<sup>1</sup>

SIGNATURE of person with **Signature Authority** (permit condition G2.A) or a **Duly Authorized Representative**<sup>1</sup>

**DATE**

<sup>1</sup>A person is duly authorized representative only if 1) the authorization is made in writing by a person described in Permit Condition G2.A and submitted to Ecology, and 2) the authorization specifies either an individual or a position having responsibility for the overall operation of the regulated facility, such as the position of plant manager, superintendent, position of equivalent responsibility, or an individual or position having overall responsibility for environmental matters.